Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 14 Feb 2023 until 23:59 on Wednesday 15 Feb 2023

Forecast Issued on Monday 13 Feb 2023 at 10:24

Confidence: High for dry and bright weather on Tuesday then turning more unsettled from Wednesday onwards with low cloud, rain and strong winds at times. Low confidence for track and depth of a low pressure system moving over northern UK early on Friday.

Headline for Tuesday 14 Feb 2023: Dry and bright. Breezy on the tops.

Mountain weather hazards on Tuesday 14 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 14 Feb 2023

Weather: Clear spells overnight with a frost in sheltered valleys. A dry day with bright or sunny spells although high cloud will make things rather cloudy and cooler for a few hours. Another dry evening with long clear spells.

Chance of cloud-free hill tops above 800m: 95%.

Low cloud and visibility: Mainly good visibility, although a haze will obscure distant hills. Any cloud expected to be above the summits.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 14 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	21/27 S	21/27 S	23/29 S	27/34 SE	25/31 S	24/31 S	25/33 SE	26/34 SE	27/35 SE
600	19/27 S	15/20 S	18/25 S	21/29 S	17/26 S	19/28 S	22/32 SE	23/34 SE	23/33 SE
300	6/19 S	4/16 S	6/19 S	5/19 S	4/17 S	4/18 S	6/21 S	7/23 SE	7/23 SE
Valley	4/13 SE	4/13 SE	2/12 SE	2/15 SE	4/15 SE	7/19 SE	7/22 SE	10/24 SE	10/24 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-3	2/-4	2/-4	4/-2	5/-1	6/1	5/-0	5/-1	4/-2
600	3/-3	2/-2	3/-2	5/-0	6/1	7/3	6/1	5/0	4/-1
300	3/0	2/1	2/-0	5/3	7/6	8/7	7/5	6/4	5/2
Valley	5/3	4/2	4/2	6/5	9/7	10/8	9/7	9/6	8/5
Freezing Level*	1000m	900m	1200m	1800m	1900m	1800m	1800m	1700m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fine and clear day for being in the hills. Breezy and feeling rather cold on the tops, especially during any cloudy spells.

Forecast for Wednesday 15 Feb 2023

Weather: Dry with clear spells overnight. Cloud soon thickening in the morning to bring a spell of rain for several hours. This will turn to snow for a time above 800m before clearing away east in the afternoon. Bright or clear spells and scattered showers will follow, wintry on the tops.

Maximum wind: Southerly 25 to 35mph with gusts 45mph, becoming Southwest 20 to 25mph, gusts 35mph in the afternoon.

Chance of cloud-free hill tops above 800m: 90% becoming 10% for several hours then improving to 70% in the afternoon.

Low cloud and visibility: Good at first but quickly deteriorating as rain arrives with extensive cloud and fog developing above 400 or 500m. Improving through the afternoon with cloud lifting and breaking but briefly poor in showers.

Temperature: **Valleys:** Plus 2C rising to 9 or 10C.
At 800m: Plus 4C falling to Plus 1C.
Freezing level: Above summits, falling to 900m in afternoon.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 13 February 2023. Location: Helvellyn summit at 11:40. Full report: A glorious day on the high fells with the warmest summit temperature recorded so far this season, (which was higher than the valley temperature) owing to a magnificent cloud inversion. There was a layer of cloud between approximately 600m and 750/800m. The vast majority of the Lakeland fells up to, and including, summit level are clear of snow and ice. The only remaining patches lie above 900m on steep north and east facing slopes. When they caught some sun, the snow was soft and thawing but where in the shade it was hard and icy. Probably the only snow left on any path in the Lake District is at the top of Swirral Edge – although it can be avoided. The normal exit to Striding Edge is now almost snow free although, again, the snow can be avoided completely. With light winds and the summit in the sun, it felt like Spring on the tops today and even those dressed in shorts and carrying no extra clothing were able to linger to enjoy the magnificent conditions. However, such conditions are definitely the exception, not the rule, for February and it is only the third time this season that the summit windchill temperature (what the temperature actually feels like) has been above zero. In addition, conditions can change very quickly on the fells hence full winter clothing (waterproofs, extra warm layers, hat and gloves), mountain boots and equipment including a torch, map and compass all remain essential to safely – and enjoyably - roam the fells. Temperature: plus 9.7 C, Maximum wind speed 17.0 mph, Wind chill: plus 5.7 C, Average wind speed: 13.5 mph.

Issued at: 1024 on Mon 13 Feb 2023

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